# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 677 | error near vector near magnitude | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 16:03 |
| S2 | 593 | error adj vector adj magnitude | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 16:52 |
| S3 | 169 | S2 and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 16:58 |
| S4 | 1 | S3 and separate with (multi adj tone) with unmodulat$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 16:59 |
| S5 | 2 | S3 and (multi adj tone) with unmodulat$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 17:16 |
| S6 | 23 | S3 and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 16:04 |
| S7 | 4 | S6 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 09:34 |
| S8 | 2 | ((multi adj tone) with EVM) and ((multi adj tone) with EVM with OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:24 |
| S9 | 2 | ((multi adj tone) with error near vector near magnitude) and ((multi adj tone) with error near vector near magnitude with OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/09 17:24 |

| S10 | 254 | (error near vector near magnitude) and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 16:04 |
|-----|-----|---------------------------------------------|---------------------------------------------|----|-----|-------------------|
| S11 | 52 | S10 and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 16:04 |
| S12 | 7 | S11 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/01/31 16:05 |
| S13 | 254 | (error near vector near magnitude) and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 10:45 |
| S14 | 52 | S13 and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/02 16:48 |
| S15 | 2451 | unit near under near test | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 10:44 |
| S16 | 255 | (error near vector near magnitude) and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 11:02 |
| S17 | 1 | S15 and S16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 10:46 |
| S18 | 4 | S16 and (unmodulated) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 10:49 |
| S19 | 53 | S16 and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 10:48 |

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|---|---|---|---|---|---|---|
| S20 | 2 | (((error near vector near magnitude) and ofdm) with (multi adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 11:04 |
| S21 | 2 | ((error near vector near magnitude) with (multi adj tone)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:36 |
| S22 | 0 | ((error near vector near magnitude) with (multi adj carries)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:54 |
| S23 | 4 | ((error near vector near magnitude) with (multi adj carrier)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:41 |
| S24 | 46 | (error near vector near magnitude) with (ofdm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:41 |
| S25 | 9 | S24 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:43 |
| S26 | 4 | ((error near vector near magnitude) with (multi adj carrier)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:59 |
| S27 | 5 | ((error near vector near magnitude) with (multi$4 adj carrier)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 13:59 |
| S28 | 2 | ((multi adj tone) with EVM) and (EVM with OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:00 |
| S29 | 0 | ((multi adj carrier) with EVM) and (EVM with OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:02 |

| S30 | 69 | (EVM with OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 16:22 |
|---|---|---|---|---|---|---|
| S31 | 7 | ((multi adj carrier) with EVM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 16:14 |
| S32 | 2 | ((multi adj tone) with EVM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 16:14 |
| S33 | 2 | ((multi adj tone) with EVM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:01 |
| S34 | 2 | (multi adj tone) with (error near vector near magnitude) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:06 |
| S35 | 7 | ((multi adj carrier) with EVM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:02 |
| S36 | 2 | "20050281346" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/05 17:11 |
| S37 | 13 | (calculat$4 estimat$4 determin$4) with EVM with multi$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 09:34 |
| S38 | 194 | (calculat$4 estimat$4 determin$4) with EVM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 09:34 |
| S39 | 69 | S38 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:25 |

| S40 | 3 | (multi adj tone) with (error near vector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:32 |
|-----|------|-------------------------------------------|----------------------------------------------|----|-----|-------------------|
| S41 | 2 | ((multi adj tone) same EVM) and (EVM same OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:26 |
| S42 | 2 | ((multi adj tone) same EVM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:25 |
| S43 | 92 | (EVM same OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:25 |
| S44 | 12 | S43 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:26 |
| S45 | 23 | (multi adj tone) and EVM and OFDM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:26 |
| S46 | 7 | S45 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:30 |
| S47 | 1513 | unmodulat$4 near carrier | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:31 |
| S48 | 0 | (unmodulat$4 near carrier) with (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:31 |
| S49 | 54 | (unmodulat$4 near carrier) and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:31 |

| S50 | 0 | S49 and evm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:32 |
|-----|-----|-----|-----|-----|-----|-----|
| S51 | 0 | S49 and (error near vector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:32 |
| S52 | 0 | S49 and (error near vector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/06 10:32 |
| S53 | 4511 | (multi ajd tone) with OFDM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/18 22:37 |
| S54 | 1622 | S53 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/18 22:37 |
| S55 | 22 | S54 and evm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/18 22:37 |
| S56 | 260 | (error near vector near magnitude) and (OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:27 |
| S57 | 87 | S56 and ((multi adj tone) (multi adj carri$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:29 |
| S58 | 4 | S56 and (((multi adj tone) (multi adj carri$4)) with (error near vector near magnitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:38 |
| S59 | 6 | (((multi adj tone) (multi adj carri$4)) with (error near vector near magnitude)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:43 |

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|---|---|---|---|---|---|---|
| S60 | 46 | (error near vector near magnitude) with(OFDM) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:47 |
| S61 | 4 | evm with ofdma | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:47 |
| S62 | 69 | evm with ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:47 |
| S63 | 4 | S58 and ((multi adj tone) (multi adj carri$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:51 |
| S64 | 1 | S61 and ((multi adj tone) (multi adj carri$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:52 |
| S65 | 11 | S62 and ((multi adj tone) (multi adj carri$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 14:52 |
| S66 | 5 | (evm with (ofdm (multi adj carri$4))) and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:00 |
| S67 | 5 | (((error adj vector adj magnitude) evm) with (ofdm (multi adj carri$4))) and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:06 |
| S68 | 0 | evm with dmt | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:10 |
| S69 | 0 | (((error adj vector adj magnitude) evm) with dmt) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:10 |

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|---|---|---|---|---|---|---|
| S70 | 58 | (((error adj vector adj magnitude) evm) and (ofdm (multi adj carri$4))) and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:12 |
| S71 | 7 | S70 and @ad<="20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:12 |
| S72 | 2414 | unit adj under adj test | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:31 |
| S73 | 2 | (unit adj under adj test) with (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:32 |
| S74 | 0 | (unit adj under adj test) and (gloden adj unit) and (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:33 |
| S75 | 3 | (multi adj tone) with ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:49 |
| S76 | 2 | ("6647076").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:50 |
| S77 | 2 | (multi adj tone adj signal) with ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:52 |
| S78 | 8 | (multi adj tone adj signal) and ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 15:52 |
| S79 | 3 | (multi adj tone) with ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 16:32 |

| S80 | 4 | (multi adj tone) same ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 16:34 |
|---|---|---|---|---|---|---|
| S81 | 1 | (multitone) same ((error near vector) or evm) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/21 16:36 |
| S82 | 0 | unmodulated with carries with (multi adj tone) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:22 |
| S83 | 79 | (full adj2 bins) and (empty adj2 bins) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:23 |
| S84 | 2 | S83 and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:24 |
| S85 | 30 | unmodulated with carries with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:28 |
| S86 | 0 | S85 and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:28 |
| S87 | 0 | S85 and evm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:28 |
| S88 | 128 | unmodulated with carriers with signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:29 |
| S89 | 10 | S88 and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:29 |

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|---|---|---|---|---|---|---|
| S90 | 3 | "20050246129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:32 |
| S91 | 2 | "20050249129" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:33 |
| S92 | 1189 | bins and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:35 |
| S93 | 15 | S92 and evm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:35 |
| S94 | 34 | (full with bins) and ofdm | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 16:36 |
| S95 | 302 | error adj vector adj magnitude and (OFDM DMT multicarrier multi-carrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 17:29 |
| S96 | 57 | S95 and @ad<"20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 17:30 |
| S97 | 35 | (estminat$3 evaluat$3 calculat$3 comput$3) with error adj vector adj magnitude and (OFDM DMT multicarrier multi-carrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 17:32 |
| S98 | 8 | S97 and @ad<"20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 17:32 |
| S99 | 631 | ISI and OFDM and @ad<"20030910" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/02/26 17:59 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S10 0 | 363 | ISI and OFDM and @ad<"20030910" | USPAT | OR | OFF | 2008/02/26 17:59 |
| S10 1 | 61 | ISI and OFDM and @ad<"20030910" and magnitude same phase | USPAT | OR | OFF | 2008/02/26 17:59 |
| S10 2 | 20 | ISI and OFDM and @ad<"20030910" and unmodulat$3 | USPAT | OR | OFF | 2008/02/26 17:59 |
| S10 3 | 10 | ISI and OFDM and @ad<"20030910" and unmodulat$3 with carrier | USPAT | OR | OFF | 2008/02/26 18:00 |
| S10 4 | 0 | ISI and OFDM and @ad<"20030910" and unmodulat$3 with carrier and DUT | USPAT | OR | OFF | 2008/02/26 18:01 |
| S10 5 | 0 | ISI and OFDM and @ad<"20030910" and unmodulat$3 with carrier and DUT | US-PGPUB; USPAT | OR | OFF | 2008/02/26 18:01 |
| S10 6 | 0 | ISI and OFDM and @ad<"20030910" and unmodulat$3 with carrier and device adj under | US-PGPUB; USPAT | OR | OFF | 2008/02/26 18:02 |
| S10 7 | 0 | ISI and @ad<"20030910" and unmodulat$3 with carrier and device adj under | US-PGPUB; USPAT | OR | OFF | 2008/02/26 18:02 |
| S10 8 | 5 | vector with magnitude and @ad<"20030910" and unmodulat$3 with carrier and OFDM | US-PGPUB; USPAT | OR | OFF | 2008/02/26 18:02 |